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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	10/085,730
	Filing Date	November 14, 2002
	First Named Inventor	Solchiro Okubo
	Art Unit	2872
	Examiner Name	John Juba Jr.
Total Number of Pages in This Submission	Attorney Docket Number	39.003-AG

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input checked="" type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Judge Patent Firm
Signature	<i>Samuel A. [Signature]</i>
Date	May 26, 2004

## CERTIFICATE OF TRANSMISSION/MAILING

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Typed or printed name			
Signature		Date	

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Approved for use through 07/31/2008. OMB 0651-0032  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

# **FEE TRANSMITTAL for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT (\$)** 420.00

## **Complete if Known**

Application Number 10/065,738  
Filing Date November 14, 2002  
First Named Inventor Soichiro Okubo  
Examiner Name John Juba Jr.  
Art Unit 2872  
Attorney Docket No. 39.003-AG

## **METHOD OF PAYMENT (check all that apply)**

☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number  
Deposit Account Name

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments  
☐ Charge any additional fee(s) or any underpayment of fee(s)  
☐ Charge fee(s) indicated below, except for the filing fee in the above-identified deposit account.

## **FEE CALCULATION**

### **1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 180	2005 80	Provisional filing fee	

**SUBTOTAL (1) (\$)**

### **2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims Independent Claims Multiple Dependent  
Extra Claims Fee from below Fee Paid  
-20\*\* = X  
-3\*\* = X

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 88	2201 43	Independent claims in excess of 3	
1203 290	2203 145	Multiple dependent claim, if not paid	
1204 88	2204 43	Reissue independent claims over original patent	
1205 18	2205 9	Reissue claims in excess of 20 and over original patent	

**SUBTOTAL (2) (\$)**

\*\*For number previously paid, if greater. For Reissue, see above

## **FEE CALCULATION (continued)**

### **3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	2053 130	Non-English specification	
1812 2,520	2812 2,520	For filing a request for ex parte reexamination	
1804 920	2804 920	Requesting publication of SIR prior to Examiner action	
1805 1,840	2805 1,840	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 260	2403 130	Request for oral hearing	
1451 1,510	2451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	2460 130	Petitions to the Commissioner	
1807 50	2807 50	Processing fee under 37 CFR 1.17(g)	
1808 180	2808 180	Submission of Information Disclosure Stmt	
8021 40	28021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	2802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)** 420.00

## **SUBMITTED BY**

Name (Print/Type) JAMES W. JUDGE Registration No. 42,701 Telephone 800-764-8272  
Signature Date May 26, 2004

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MAY 26 2004

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

App. No. : 10/065,738  
Applicant : Soichiro Okubo  
Filed : November 14, 2002  
Tech. Cntr./Art Unit : 2872  
Examiner : John Juba, Jr.

Confirmation No. 6181

OFFICIAL

Docket No. : 39.003-AG  
Customer No. : 29453

*I hereby certify that this  
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on May 26, 2004.*

*James W. Judge  
Reg. No. 42,701*

Signature

Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REPLY (Supplemental) Under 37 C.F.R. § 1.116**

Sir:

In response to the Office action of December 29, 2003, and further in response to the Advisory Action issued April 19, 2004, reconsideration of the above-identified patent application, amended as follows, is respectfully requested.

**An amendment to the Specification** is on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims that begins on page 3 of this paper.

**Remarks** begin on page 7 of this paper.